


Form PTO-1449		U.S. Department of Commerce Patent and Trademark Office		Atty. Docket No. P21831		Serial No. 10/022,342	
 INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)				Applicant Katsuji SHIBATA et al.			
				Filing Date December 20, 2001		Group 1753	
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
KIW	5	- 1 3 9	7 1 5	06/08/93	JAPAN		Abs
		6 - 8 7	1 2 3	03/29/94	JAPAN		Abs
	7	- 3 3 0	9 4 6	12/19/95	JAPAN		Abs
	8	- 8 5	7 3 6	04/02/96	JAPAN		Abs
	8	- 1 1 3	6 1 9	05/07/96	JAPAN		Abs
	8	- 1 3 4	3 4 0	05/28/96	JAPAN		Abs
	8	- 2 2 5	6 3 5	09/03/96	JAPAN		Abs
	9	- 2 2 1	5 6 5	08/26/97	JAPAN		Abs
KIW	9	- 3 1 6	3 1 1	12/09/97	JAPAN		Abs
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)							
		<del>English Language Abstract of JP 5-139715.</del>					
		<del>English Language Abstract of JP 6-87123.</del>					
		<del>English Language Abstract of JP 7-330946.</del>					
		<del>English Language Abstract of JP 8-85736.</del>					
		<del>English Language Abstract of JP 8-113619.</del>					
		<del>English Language Abstract of JP 8-134340.</del>					
		<del>English Language Abstract of JP 8-225635.</del>					
		<del>English Language Abstract of JP 9-221565.</del>					
		<del>English Language Abstract of JP 9-316311.</del>					
EXAMINER		Kotayno Wymorelski			DATE CONSIDERED 3/4/04		
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JUN 12 2002

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## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
KIWL	5 5 5 9 1 5 9	09/24/96	SUBLETT et al.			
	5 8 4 0 7 7 2	11/24/98	PETERS et al.			
	4 0 4 4 0 4 6	08/23/77	KONDO et al.			
	6 0 0 1 8 8 8	12/14/99	FRIEBE et al.			
KIWL	3 3 1 7 5 1 9	05/02/67	LAZARUS et al.			

## FOREIGN PATENT DOCUMENTS

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0 8 9 1 9 6 9	01/20/99	E.P.O.			

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)


EXAMINER

Katarzyna Wyrozelski

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